

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

Claim 1 (Currently Amended): For use with a video game machine system having a processing system to execute a video game program and ~~player~~ controls operable by a user to generate video game control signals,[[;]] a digital camera accessory comprising:

a base unit comprising a receiver for receiving video images and a connector for connection to the video game machine; and

a camera unit selectively detachable from the base unit so that the camera unit is remotely locatable relative to the base unit, the camera unit comprising an image sensor for capturing video images and[[;]]

a transmitter for transmitting communication circuitry configured to transmit the captured video images captured by the image sensor; and

a connector that, in use, electrically connects said digital camera accessory to said game system.

Claim 2 (Currently Amended): The digital camera accessory according to claim 1, wherein the transmitter ~~said communication circuitry~~ is configured to transmit the captured video images wirelessly.

Claims 3-5 (Canceled).

Claim 6 (Currently Amended): The digital camera accessory according to claim 1, wherein the receiver of the said base unit receives ~~comprises communication circuitry configured to receive~~ the captured video images transmitted by the transmitter of the from said camera unit when the base unit is connected to the video game machine and the camera unit is located remotely relative to the base unit.

Claim 7 (Currently Amended): The digital camera accessory according to claim 1
[[4]], wherein a housing of the said base unit comprises a slot for receiving the said camera unit.

Claim 8 (Currently Amended): The digital camera accessory according to claim 1,
further comprising:

a memory for storing a video game program executable by the said processing system.

Claim 9 (Currently Amended) The digital camera accessory according to claim 1,
wherein the camera unit further comprises comprising:

a microphone for detecting sounds,

and the transmitter wherein said communication circuitry is further configured to transmit
the detected sounds.

Claim 10 (Currently Amended): A video game machine system comprising:
a processing system to execute a video game program;
player controls operable by a user to generate video game control signals;
a connector for, in use, connecting a digital camera accessory to the video said game
machine system, the said digital camera accessory comprising:

a base unit comprising a receiver for receiving video images and a connector for
connection to the connector of the video game machine; and

a camera unit selectively detachable from the base unit so that the camera unit is
remotely locatable relative to the base unit, the camera unit comprising an image sensor
for capturing video images and[[:]]

a transmitter for transmitting communication circuitry configured to transmit the
captured video images captured by the image sensor; and


a connector that, in use, electrically connects said digital camera accessory to said
game system.

Claim 11 (Currently Amended): The video game machine system according to claim 10, wherein the transmitter ~~said communication circuitry~~ is configured to transmit the captured video images wirelessly.

Claim 12 (Canceled).

Claim 13 (Currently Amended): The video game machine system according to claim 10, further comprising a display ~~for displaying the received video images~~.

Claims 14-15 (Canceled).

 Claim 16 (Currently Amended): The video game machine system according to claim 10 15, wherein the receiver of the said base unit receives ~~comprises communication circuitry configured to receive~~ the captured video images transmitted by the transmitter of from said camera unit when the base unit is connected to the video game machine and the camera unit is located remotely relative to the base unit.


Claim 17 (Currently Amended) The video game machine system according to claim 10 15, wherein a housing of the said base unit comprises a slot for receiving the said camera unit.

Claim 18 (Currently Amended): The video game machine system according to claim 10, wherein the said digital camera accessory further comprises a memory for storing a video game program executable by the said processing system.

Claim 19 (Currently Amended) The video game machine system according to claim 10, wherein the said digital camera accessory further comprises:
a microphone for detecting sounds,
wherein the said communication circuitry is further configured to transmit the detected sounds.

Claims 20-23 (Canceled).

Claim 24 (New): A digital camera accessory for a display system comprising:
a first unit removably attachable to the display system and comprising receiver circuitry for receiving transmitted images; and
a second unit removably attachable to the first unit, the second unit comprising an image sensor and transmitter circuitry for transmitting images captured by the image sensor.



Claim 25 (New): The digital camera accessory according to claim 24, wherein the second unit and the first unit are attachable via an opening formed in the first unit into which the second unit is at least partially inserted.

Claim 26 (New): The digital camera accessory according to claim 24, further comprising a memory in the first unit.

Claim 27 (New): The digital camera accessory according to claim 26, wherein the memory stores a video game program.


Claim 28 (New): The digital camera accessory according to claim 24, wherein the receiving circuitry of the first unit receives images transmitted from the second unit when the first unit is attached to the display system and the second unit is detached from the first unit and located remotely with respect thereto.

Claim 29 (New): The digital camera accessory according to claim 24, wherein the receiving circuitry of the first unit receives images transmitted from a device other than the

second unit when the first unit is attached to the display system and the second unit is attached to the first unit.

Claim 30 (New): The digital camera accessory according to claim 24, wherein the display system comprises a hand-held video game system.

Claim 31 (New): The digital camera accessory according to claim 24, wherein the display system comprises a system configured to emulate a video game system.



Claim 32 (New): The digital camera accessory according to claim 24, wherein the display system comprises a video game system.

Claim 33 (New): The digital camera accessory according to claim 24, wherein the transmitter circuitry of the second unit compresses the captured images prior to transmission.

Claim 34 (New): The digital camera accessory according to claim 24, wherein the transmitter circuitry of the second unit is operable to search for and select one of a plurality of channels for transmitting the captured images.


Claim 35 (New): The digital camera accessory according to claim 24, wherein the second unit further comprises a microphone and the transmitter circuitry transmits sounds detected by the microphone.

Claim 36 (New): The digital camera accessory according to claim 35, wherein the transmitter is controllable to transmit the sounds detected by the microphone, but not the video captured by the image sensor.

Claim 37 (New): The digital camera accessory according to claim 24, wherein the transmitter transmits wirelessly within a frequency band comprising 2.4 to 2.488 GHz.

Claim 38 (New): The digital camera accessory according to claim 24, wherein the transmitter transmits wirelessly using a frequency-hopping scheme.

Claim 39 (New): The digital camera accessory according to claim 24, wherein the images captured by the image sensor comprise video images.

 Claim 40 (New): The digital camera accessory according to claim 24, wherein the first unit is attachable to the display system via an opening formed in the display system into which the first unit is at least partially inserted.

Claim 41 (New): A digital camera accessory for a display system comprising:
a first unit removably attachable to the display system and comprising receiver circuitry for receiving wirelessly transmitted images; and
a second unit removably attachable to the first unit, the second unit comprising an image sensor and transmitter circuitry for wirelessly transmitting images captured by the image sensor.

Claim 42 (New): A digital camera accessory for a display system comprising:
a base unit removably attachable to the display system via an opening formed in a housing of the display system into which the base unit is at least partially insertable, the base unit comprising receiver circuitry for receiving wirelessly transmitted images; and
a camera unit removably attachable to the base unit via an opening formed in a housing of the base unit into which the camera unit is at least partially insertable, the camera unit

comprising an image sensor and transmitter circuitry for wirelessly transmitting images captured by the image sensor,

wherein the receiver circuitry of the base unit receives images transmitted from the camera unit when the base unit is attached to the display system and the camera unit is detached from the base unit and located remotely with respect thereto.

Claim 43 (New): A video game system comprising two or more video game machines, each video game machine comprising:

a processing unit;

user controls;

a digital camera; and

communication circuitry responsive to inputs to the user controls for connecting to a communication channel to which one or more other video game machines are connectable,

wherein images captured by the digital cameras of the two or more video game machines are communicated over the communication channel so that each video game machine displays images captured by the digital cameras of the other video game machines.


Claim 44 (New): The video game system according to claim 43, wherein the digital camera and the communication circuitry are provided as a unitary cartridge that is removably attachable to the video game machine via a slot into which the cartridge is at least partially inserted.

Claim 45 (New): The video game system according to claim 43, wherein at least the digital camera and the communication circuitry are provided as two units that are removably attachable to each other.

Claim 46 (New): The video game system according to claim 43, wherein the communication circuitry compresses the captured images prior to transmission over the communication channel.

Claim 47 (New): The video game system according to claim 43, wherein the communication channel is used by two video game machines.

Claim 48 (New): The video game system according to claim 43, wherein the communication channel is used by more than two video game machines.



Claim 49 (New): The video game system according to claim 43, further comprising:
a microphone,

wherein the communication circuitry transmits sounds detected by the microphone over the communication channel.

Claim 50 (New): The video game system according to claim 49, wherein the communication circuitry is responsive to inputs to the user controls to stop communication of images captured by the digital camera, while continuing communication of sounds detected by the microphone.

Claim 51 (New): The video game system according to claim 43, wherein the video game machines comprise hand-held video game machines.

Claim 52 (New): A video game machine for use in the video game system according to claim 43.

Claim 53 (New): A video game machine comprising:

a processing unit;

user controls; and

communication circuitry configured to receive images transmitted from a first remote source and audio transmitted from a second, different remote source,

wherein the video game machine displays the received images on a display device while outputting the received audio via at least one speaker.

Claim 54 (New): An accessory for a display system comprising:

a base unit removably attachable to the display system, the base unit comprising receiver circuitry for receiving wirelessly transmitted data; and

a detecting unit removably attachable to the base unit, the detecting unit comprising a detector and transmitter circuitry for wirelessly transmitting data detected by the detector,

wherein the receiving circuitry of the base unit receives data transmitted from the detecting unit when the base unit is attached to the display system and the detecting unit is detached from the base unit and located remotely with respect thereto.
